

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility ID: | 61961 | Service: DTV | Call Sign: | KVLY-TV | Channel: 36 (UHF) |
|-----------------|----------|--------------------|----------------|---------|-------------------|
| File Number: | 000002 | 8721 | olgn. | | |
| FRN: 00 | 18223693 | Date Submitted: | 03/16 /2020 | | |

Applicant Name, Type, and Contact Information

Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|--------------------------|---------------------------------|---------------------------------|
| GRAY TELEVISION LICENSEE, LLC Doing Business As: GRAY TELEVISION LICENSEE, LLC | 4370 PEACHTREE RD NE ATLANTA, GA 30319 United States | +1 (701) 237- 5211 | robert. folliard@gray. tv | Limited Liability Company |

Reimbursement Contact Name and Information Reimbursement Contact Information

| Applicant | Address | Phone | Email |
|----------------|---------|-------|-------|
| [Confidential] | | | |

| Preparer | Preparer Contact Name and Information | | | | |
|------------------------|---------------------------------------|---|-------------------|--------------------------|--|
| Contact Information | Applicant | Address | Phone | Email | |
| | Samuel Hariton Widelity | Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States | +1 (339) 222-8107 | sam.hariton@widelity.com | |

| Broadcaster | Question | Response |
|--|--|--|
| Information and Transition Plan | Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes |
| | Briefly describe transition plan | Replacing the existing transmitter, transmission line, and antenna. Also purchasing an interim transmitter, transmission line, and antenna. |

| Transmitters | Section | Question | Response |
|--------------|---------------------------------|---|----------|
| | Transmitter Related Expenses | Do you have transmitter related expenses? | Yes |

| Primary | Existing Transmitter Information | | | | | |
|-------------|-------------------------------------|--|-------------------|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | Existing Transmitter Description | Type of change | Purchase New | | | |
| | | Use | Primary (Main) | | | |
| | | Description of Use | N/A | | | |
| | | Ownership | Owned | | | |
| | | Owner | N/A | | | |
| | | Site | N/A | | | |
| | | Is this transmitter currently shared with another station? | No | | | |
| | | Is this transmitter currently in operating condition? | Yes | | | |
| | Existing Transmitter | Manufacturer | | | | |
| | Manufacturer and Type | Model | DTT10KSUG1 | | | |
| | | Year | 2004 | | | |
| | | Туре | Solid State | | | |
| | | Solid State Cooling | Air Cooled | | | |
| | | Solid State Power Capacity | 10 kW | | | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | | | | |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | New Transmitter | Use | Primary (Main) | | | |
| | | Change Type | Purchase New | | | |
| | | Is this a request for upgraded equipment? | Yes | | | |
| | | Manufacturer | | | | |
| | | Model | THU9-36 | | | |
| | | Transmitter Type | Solid State | | | |
| | | Solid State Cooling | Liquid Cooled | | | |
| | | Solid State Power capacity | 55 kW | | | |
| | | Justification for New Transmitter | Current transmitter cannot make enough power to feed the Dielectric proposed channel 18 replacement antenna. Also, Larcan went bankrupt. The original company is out of business. | | | |

| Primary Transmitter | Other Transmitter Costs | | | | |
|------------------------|-------------------------|---------------------------------------|----------|--|--|
| | Section | Question | Response | | |
| | Electrical Service | Service Entrance (3 phases 800A 208V) | No | | |
| | | | | | |

| | Switchgear (industrial 800 amp) | No |
|---|--|---|
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| Improvement | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

| Other | Transmitter | Cost Not Listed | |
|-----------|-------------|-----------------|--|
| | | | |

Primary Transmitter

| Name | Description |
|-------------------------|---|
| Building Upgrade | Concrete Cutting Work |
| Pad for Heat Exchangers | Heat Exchanger Concrete Pad plus Ice shield |
| Electrical | Electrical Installation Costs |
| HVAC | HVAC Modification |
| Electrical | Electrical Code Verification for Transmitters |

| Interim | New Transmitter Costs | | | |
|-------------|-----------------------|-----------------------------------|---|--|
| Transmitter | Section | Question | Response | |
| | New Transmitter | Use | Interim | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase | |
| | | Manufacturer | | |
| | | Model | THU9-EVO | |
| | | Transmitter Type | Solid State | |
| | | Solid State Cooling | Liquid Cooled | |
| | | Solid State Power capacity | 6.5 kW | |
| | | Justification for New Transmitter | Interim transmitter needed to continue broadcasting during installation of new transmitter. | |

| Interim Transmitter | Other Transmitter Costs | | | |
|------------------------|-------------------------|---------------------------------------|----------|--|
| | Section | Question | Response | |
| | Electrical Service | Service Entrance (3 phases 800A 208V) | No | |
| | | Switchgear (industrial 800 amp) | No | |
| | | Transformer (480V) | No | |
| | | Power | N/A | |
| | | Rigid Conduit and Wiring | No | |
| | | Size | N/A | |
| | | Length | N/A | |
| | | Other Electrical Service | No | |
| | | | | |

| | | 1 |
|---|--|-----|
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | No |

Interim Other Transmitter Cost Not Listed Transmitter Name Description

| Inside RF System | UHF Inside RF System including switching |
|------------------|--|

| Antennas Section | | Question | Response |
|------------------|---------------|---------------------------------------|----------|
| Antenna Rela | ated Expenses | Do you have antenna related expenses? | Yes |

| Primary Antenna | Existing Antenna Information | | | | |
|--------------------|---|--|--------------------|--|--|
| | Section | Question | Response | | |
| | Existing Antenna Description | Type of change | Purchase New | | |
| | | Antenna Use | Primary (Main) | | |
| | | Description of Use | N/A | | |
| | | Ownership | Owned | | |
| | | Owner | N/A | | |
| | | Site | N/A | | |
| | | Is the existing antenna shared with another station or stations? | No | | |
| | | Is the existing antenna directional? | Yes | | |
| | | Is antenna in operating condition? | Yes | | |
| | | Is antenna located on or in close proximity to an antenna farm? | No | | |
| | Existing Antenna Manufacturer and Type | Class | Full Power | | |
| | | Mounting | Side Mount | | |
| | | Antenna position in stack | Not in Stack | | |
| | | Polarization | Horizontal | | |
| | | Туре | Slotted Coaxial | | |
| | | Number of Stations Supported | N/A | | |
| | | Number of Panels | N/A | | |
| | | Design power capacity in use | N/A | | |
| | | Lower Limit | N/A | | |
| | | Upper Limit | N/A | | |
| | | Other Antenna Type | N/A | | |
| | | ERP: (Effective Radiated Power) | 356.0 kW | | |

| Manufacturer | |
|--------------|----------------|
| Model | TFU32DSB- J |
| Year | 2004 |

| Primary | New Antenna Costs | | | | |
|---------|---------------------------------------|--|--------------------|--|--|
| Antenna | Section | Question | Response | | |
| | New Antenna Description | Use | Primary (Main) | | |
| | | Description of Use | N/A | | |
| | | Change Type | Purchase New | | |
| | | Is this a request for upgraded equipment? | Yes | | |
| | | Ownership | Owned | | |
| | | Owner | N/A | | |
| | | Is antenna shared? | No | | |
| | | Is antenna directional? | Yes | | |
| | | Will antenna be located on or in close proximity to an antenna farm? | No | | |
| | New Antenna Manufacturer and Types | Class | Full Power | | |
| | | Mounting | Top Mount | | |
| | | Antenna position in stack | Not in Stack | | |
| | | Polarization | Elliptical | | |
| | | Туре | Slotted Coaxial | | |
| | | Number of Stations Supported | N/A | | |
| | | Number of Panels/Bays | N/A | | |
| | | Lower Limit | N/A | | |
| | | Upper Limit | N/A | | |
| | | Design power capacity in use | N/A | | |
| | | Other Antenna Type | N/A | | |
| | | ERP: (Effective Radiated Power) | 192.0 kW | | |
| | | Manufacturer | | | |
| | | | | | |

| Model | TFU 19ET /VP-R 3C210 |
|-------------------------------|---|
| Year | 2018 |
| Justification for New Antenna | Existing antenna is single channel antenna tuned to channel 44 and canno be re- tuned. |

Primary Other Antenna Costs

| Antenna | Section | Question | Response |
|---------|--------------------------------|---|----------------------------|
| | Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | | Туре | |
| | | Number of channels supported | N/A |
| | | Frequencies of channels supported | N/A |
| | | Frequency | N/A |
| | | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| | Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | | Broadband or Single Channel? | Single Channel |
| | | Feed Line Size | 4 1/16 inches inches |
| | Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |

| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
|--------------------------|---|-----|
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Primary
Antenna Other Antenna Cost Not Listed Name Description Top Plate Adapter Top plate adapter to match tower top and antenna bolt pattern.

| Interim Antenna | New Antenna Costs | | | | |
|--------------------|--------------------------------------|--|--------------------|--|--|
| | Section | Question | Response | | |
| | New Antenna Description | Use | Interim | | |
| | | Description of Use | N/A | | |
| | | Change Type | Purchase New | | |
| | | Ownership | Owned | | |
| | | Owner | N/A | | |
| | | Is antenna shared? | No | | |
| | | Is antenna directional? | Yes | | |
| | | Will antenna be located on or in close proximity to an antenna farm? | No | | |
| | New Antenna Manufacturer and Type | Class | Full Power | | |
| | | Mounting | Side Mount | | |
| | | Antenna position in stack | Not in Stack | | |
| | | Polarization | Horizontal | | |
| | | Туре | Slotted Coaxial | | |
| | | Number of Stations Supported | N/A | | |
| | | Number of Panels/Bays | N/A | | |
| | | Lower Limit | N/A | | |
| | | Upper Limit | N/A | | |
| | | Design power capacity in use | N/A | | |
| | | Other Antenna Type | N/A | | |
| | | ERP: (Effective Radiated Power) | 103.0 kW | | |
| | | Manufacturer | | | |
| | | Model | TLP32J | | |
| | | Year | 2018 | | |
| | | | I | | |

| Justification for New Antenna |
|-------------------------------|

Other Antenna Costs Interim

Antenna

| Section | Question | Response |
|--------------------------|---|----------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Other Antenna Cost Not Listed Interim

Antenna Information not provided.

| Transmissior | n Seffien | Question | Response |
|--------------|---------------------------------------|---|----------|
| | Transmission Line Related Expenses | Do you have transmission line related expenses? | Yes |

| ransmissio | Section | Question | Response |
|--|---|--|----------------------|
| Existing Transmiss Line Description | Existing Transmission Line Description | Type of change | Purchase New |
| | | Use | Primary (Main) |
| | | Description of Use | N/A |
| | | Ownership | Owned |
| | | Owner | N/A |
| | | Site | N/A |
| | | Is the existing transmission line shared with another station or stations? | No |
| | | Is Transmission Line in operating condition? | Yes |
| | Existing Transmission | Manufacturer | |
| | Line Manufacturer and Type | Туре | Rigid |
| | | Diameter | 6 1/8 inches |
| | | Other Diameter | N/A |
| | | Segment Length | 20 inches |
| | | Other Segment Length | N/A |
| | | Number of parallel runs | 1 |
| | | Length | 1974 feet per run |

Primary Existing Transmission Line

| Primary | New Transmission Line | | | |
|-------------|--------------------------------|---|---|--|
| Transmissio | Section | Question | Response | |
| | New Transmission Line Costs | Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase New | |
| | | Is this a request for upgraded equipment? | Yes | |
| | | Туре | Rigid | |
| | | Diameter | 6 1/8 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | 20 inches | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 1974 feet per run | |
| | | Justification for New Transmission Line | 6" line is original Prodelin line is 50 years old. We will sweep line but expect to replace. Also replacing side-mount antenna with a top- mount. | |

Description

| Sweep Existing Transmission Line | Sweep existing transmission line to |
|----------------------------------|-------------------------------------|
| | ascertain viability |

| Interim | New Transmission Line | | |
|-------------|--------------------------------|---|--|
| Transmissio | n Section | Question | Response |
| | New Transmission Line Costs | Use | Interim |
| | | Description of Use | N/A |
| | | Change Type | Purchase New |
| | | Туре | Flexible Air |
| | | Diameter | 3 inches |
| | | Segment Length | N/A |
| | | Other Segment Length | |
| | | Number of parallel runs | 1 |
| | | Length | 1580 feet per run |
| | | Justification for New Transmission Line | Interim transmission line required so that the station can broadcast while the main line is being replaced. |

Interim Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

| Tower | Section | Question | Response |
|--------------------------------------|---|---|----------|
| Equipment And Rigging Costs | Tower Equipment or Rigging Costs Changes | Do you have tower equipment or rigging costs changes? | Yes |

| marv | Existing | Tower |
|------|----------|-------|
|------|----------|-------|

| Primary | Existing Tower | | | |
|---------|---|---|----------------------|--|
| Tower | Section | Question | Response | |
| | Existing Tower Description | Type of change | Modify Existing | |
| | | Tower Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Ownership | Owned | |
| | | Is this tower consider Complex? | No | |
| | | Is this tower currently shared with any other stations? | Yes | |
| | | One or more FM, AM or TV radio broadcaster(s) | No | |
| | | Others Types of Users | Yes | |
| | | Is tower documented for structural analysis? | Yes | |
| | | Is tower compliant with Rev G? | Yes | |
| | Existing Tower Structure | Do you have a tower registration number? | Yes | |
| | Registration | ASR Number | 1046244 | |
| | Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 47° 20' 32.0" N- | |
| 198 | | Longitude (NAD83) | 097° 17' 21.0" W- | |
| | | Overall Structure Height | 2062.97 feet | |
| | | Support Structure Height | 1951.09 feet | |
| | | Ground Elevation Above Mean Sea Level (AMSL) | 975.05 feet | |
| | | | | |

| Structure Type | TOWER - Free Standing or Guyed Structure |
|------------------|--|
| Tower Owner | Gray Television Group, Inc. |
| Date Constructed | 08/13/1963 |

Other Types of Users

Users

K28MA-D, 185875

Primary Tower Section Costs

| Section | Question | Response |
|----------------------|--|---|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Major Reinforcements needed |

Primary Tower Rigging Costs

Tower

| Section | Question | Response |
|---------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | N/A |
| Helicopter Services Required | Are helicopter services required? | No |

| Primary | Other Tower Expenses Not Listed | | |
|---------|---------------------------------|-------------|--|
| Tower | Name | Description | |

| Tower Painting | Restripe tower paint to match lower height |
|----------------|--|
| | change. |

| Outside Professional | Section | Question | Response |
|-------------------------|--|--|-----------------------|
| | Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | | Number of Hours | 900 |
| | | Explanation | Strategic Planning |
| | Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | | For Auxiliary Facility | No |
| | | For Main Facility | Yes |
| | | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | | For Auxiliary Facility | No |
| | | For Main Facility | Yes |
| | | Prepare request for Special Temporary Authority | Yes |
| | | Quantity | 1 |
| | | Do you have Distributed Transmission System engineering services? | N/A |
| | | Critical Facility | N/A |
| | | Terrain-Shielded Facility | N/A |
| | Attorney and Other Outside Consulting | Prepare and file Form FCC Construction Permit Application | Yes |
| | Services | For Auxiliary Facility | No |
| | | For Main Facility | Yes |
| | | Prepare and file Form FCC License to Cover Application | Yes |
| | | For Auxiliary Facility | No |
| | | For Main Facility | Yes |

| | Prepare request for Special Temporary Authority | Yes |
|----------------------------------|--|-----|
| | Quantity | 1 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Other Professional Services Expenses Not Listed Professional Services roopstsided.

| Other | Section | Question | Response |
|----------|---------------------------------|--|----------|
| Expenses | AM Pattern Disturbance | Is an Impact Study needed? | No |
| | | Is Remediation needed? | No |
| | Facility Expenses | Name | N/A |
| | | Other Distributed Transmission System Expenses Not listed | N/A |
| | | Name | N/A |
| | | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| | Permit and Filing Costs | Local Zoning | No |
| | | Non-zoning permits | No |
| | | BLM or NFS Coordination | No |
| | | FCC Construction Permit Minor Change | No |
| | | FCC License to Cover Application | Yes |
| | | FCC Special Temporary Authority Application | Yes |
| | Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | | Does this relocation require Equipment Storage? | Yes |
| | | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | | Does this relocation require MVPD Notification of a Channel Change? | Yes |

Other Expenses Not Listed

| Other Expenses | Other Expenses Not Listed | | | |
|-------------------|--|---|--|--|
| | Name | Description | | |
| | Security | Security at the site for the storage of equipment | | |
| | Other Expenses Not Listed - Site Remediation | Other Expenses Not Listed - Site Remediation | | |

Transmitters

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cos Justificatio |
|--|--------------------------------|-------------------|--|--------------|----------------------------|
| Interim Transmitter THU9-EVO | \$294,763.58 | \$340,251.98 | | \$296,014.32 | |
| Inside RF System | \$21,263.58 | \$21,263.58 | N/A | \$0.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | \$273,500.00 | \$318,988.40 | Increase to cover Rohde and Schwarz invoices 9500080421, 9500085140, 9500085141 and 9500075326, as well as electrical invoices moved to this category. Accompanying quotes are uploaded. | \$296,014.32 | N/A |
| Primary Transmitter THU9-36 | \$2,444,937.15 | \$1,679,651.45 | | \$498,434.13 | |
| Pad for Heat Exchangers | \$122,166.00 | \$122,166.00 | see Estimated Cost Justification KVLY-110- Pads for Heat Exchangers New 1st Primary Transmitter v0 | \$122,166.00 | N/A |

| Building Upgrade | \$17,321.15 | \$17,321.15 | see Estimated Cost Justification KVLY-110- Building Upgrade v0 | \$17,321.15 | Kruegei Concret |
|--|-------------|-------------|--|-------------|--------------------|
| Electrical | \$3,000.00 | \$3,000.00 | Electrical invoices included in the interim transmitter budget category. | \$3,000.00 | N/A |
| HVAC | \$17,450.00 | \$17,450.00 | These costs are associated with changing the HVAC system over from an air cooled transmitter with heat recovery for winter to accommodate the new liquid cooled transmitter. | \$8,500.00 | N/A |
| Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | \$2,500.00 | \$2,500.00 | N/A | \$1,281.00 | N/A |

| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,189,851.07 | per R&S Quote 802- 049860.1 | \$18,802.75 | N/A |
|---|----------------|----------------|---|----------------|-----|
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00 | \$327,363.23 | ***System Notice: Estimate adjusted and locked because line has been superseded. | \$327,363.23 | X |
| Sub-total | \$2,739,700.73 | \$2,019,903.43 | N/A | \$794,448.45 | N/A |
| Total for all systems | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

Components

| Actual Information Description | File Name |
|-----------------------------------|---------------------------|
| Inside RF System | Information not provided. |

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW

Component Description:

Component Description:

KVLY-180-New Interim Transmitter \$2,188.23

KVLY-180-New Interim Transmitter \$5,925.00

Transmitter components

\$10,728.39

New Interim Transmitter

\$3,084.90

Down payment request on interim

transmitter

\$63,060.00

New Interim Transmitter

\$5,021.25

\$63,060.00

#3

Component Description:

Amount:

Amount:

Amount:

Component Description:

Component Description:

Amount:

Amount:

Milestone Payment #2 \$126,120.00

Milestone Payment

New 1st Primary Transmitter \$16,826.55

| Pad for Heat Exchangers | | |
|-------------------------|------------------------|--|
| | Component Description: | Costs to fill 8' by 17' cistern; Blanchard Transmitter Pad and |
| | | Ice Canopy |
| | Amount: | \$7,088.00 |
| | | |
| | Component Description: | Fencing to enclose |
| | Amount: | concrete pad \$5,072.00 |
| | | \$0,012.00 |
| | Component Description: | Labor to add 40 |
| | | yards of fill, labor |
| | A | and grading estimate |
| | Amount: | \$2,500.00 |
| | Component Description: | Ice canopy material |
| | Amount: | \$39,484.00 |
| | | |
| | Component Description: | Material handling; |
| | Amount: | skid steer rental \$600.00 |
| | | |
| | Component Description: | Ice canopy |
| | | fabrication and |
| | Amount: | onsite assembly \$33,700.00 |
| | Amount. | φ33,700.00 |
| | Component Description: | Heat Exchangers |
| | | New 1st Primary |
| | | Transmitter |
| | Amount: | \$33,722.00 |
| | | |

| Building Upgrade | | |
|------------------|-------------------------------|---------------------|
| | Component Description: | Construct room at |
| | | tower site in |
| | | Blanchard, |
| | Amount: | \$8,950.00 |
| | Component Description: | Demo Saw Cutting |
| | | 15"w x 54"w x 4" |
| | | hole in floor |
| | Amount: | \$2,885.00 |
| | Component Description: | Labor - Demo |
| | | Masonry and Install |
| | | Rebar |
| | Amount: | \$5,486.15 |
| Electrical | | |
| | Component Description: | Third party |
| | | engineering review |
| | | of non-UL listed |
| | | equipment |
| | Amount: | \$3,000.00 |
| HVAC | | |
| | Component Description: | HVAC |
| | | MODIFICATIONS, |
| | | BLANCHRD ND |
| | | TOWER |
| | Amount: | \$4,250.00 |
| | Component Description: | Blanchard Tower |
| | | HVAC Modifications |
| | Amount: | \$4,250.00 |

| Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | Component Description: Amount: | Equipment Rental Caterpillar \$1,281.00 |
|--|-----------------------------------|---|
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | Component Description: Amount: | "Rohde & Schwarz QT: 802-030267.8 Rohde & Schwarz QT: 802-049860.1" \$18,802.75 |

| State Transmitter 8.2 - 13 kW | Component Description: | THU9EVO-8 Main Transmitter 25% |
|----------------------------------|------------------------|---|
| | | downpayment |
| | Amount: | \$94,013.75 |
| | Component Description: | LABOR |
| | Amount: | \$2,710.43 |
| | Component Description: | Electrical work |
| | | installing new KVL Channel 36 main |
| | | transmitter |
| | Amount: | \$7,853.75 |
| | Component Description: | DP 50% down |
| | | payment Milestone at delivery |
| | Amount: | \$188,027.50 |
| | Component Description: | Change order #1 |
| | component Description. | additional |
| | _ | disconnects |
| | Amount: | \$3,614.25 |
| | Component Description: | electrical work |
| | | installing main and interim transmitters |
| | Amount: | \$26,318.45 |
| | Component Description: | Electric work for ne |
| | | transmitter |
| | Amount: | \$4,825.10 |

Antennas

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--------------------------------------|--------------|------------------------------|
| Interim Antenna TLP32J | \$96,130.00 | \$62,064.62 | | \$61,304.87 | |
| UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized | \$89,400.00 | \$55,664.62 | N/A | \$54,904.87 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$6,400.00 | N/A |
| Primary Antenna TFU 19ETT /VP-R 3C210 | \$325,352.00 | \$277,004.30 | | \$112,058.29 | |
| Top Plate Adapter | \$19,552.00 | \$19,552.00 | N/A | \$15,641.60 | N/A |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | \$9,570.00 | \$9,872.00 | DTV pros quote JEHQ1275- 04 | \$7,897.60 | N/A |

| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$241,180.30 | N/A | \$83,399.09 | N/A |
|--|----------------|----------------|-----|----------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |
| Sub-total | \$421,482.00 | \$339,068.92 | N/A | \$173,363.16 | N/A |
| Total for all systems | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

Actual Information Description

File Name

| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | Component Description: | UHF LOW POWER SIDE |
|---|------------------------|-------------------------------------|
| | Amount: | MOUNT \$14,703.03 |
| | Component Description: | Interim Antenna System - UHF Low |
| | Amount: | Power Side Mount \$14,841.84 |
| | Component Description: | UHF LOW POWER SIDE |
| | Amount: | MOUNT \$12,680.00 |
| | Component Description: | UHF LOW |
| | | POWER SIDE MOUNT |
| | Amount: | \$12,680.00 |
| Sweep test of existing antenna | | |
| antenna | Component Description: | Sweep Test, Interim Antenna |
| | Amount: | \$1,627.02 |
| | Component Description: | KVLY-280-Sweep |
| | | Test New Interim |
| | Amount: | Antenna \$1,627.02 |
| | Component Description: | KVLY-280-Sweep |
| | | Test New Interim |
| | Amount: | Antenna \$1,225.96 |
| | Component Description: | Sweep Test |
| | Amount: | \$1,920.00 |

| Top Plate Adapter | | |
|-------------------|------------------------|--|
| | Component Description: | New Primary Antenna Top Plate Adapter |
| | Amount: | \$4,888.00 |
| | Component Description: | KVLY-210-Top Plate Adapter New Primary Antenna |
| | Amount: | \$3,910.40 |
| | Component Description: | New Primary Antenna Top Plate |
| | Amount: | \$4,888.00 |
| | Component Description: | New Primary Antenna Top Plate Adapter |
| | Amount: | \$5,865.60 |

| Elbow complex, single | | |
|--|-------------------------------|-----------------|
| channel, at antenna input, per 4 1/16. feedline (if | Component Description: | New Primary |
| needed) | | Antenna Elbow |
| neededy | | Complex |
| | Amount: | \$2,961.60 |
| | Component Description: | New Primary |
| | | Antenna Elbow |
| | | Complex |
| | Amount: | \$2,468.00 |
| | Component Description: | New Primary |
| | | Antenna Elbow |
| | | Complex |
| | Amount: | \$2,468.00 |
| | Component Description: | KVLY-210-Elbow |
| | | Complex New |
| | | Primary Antenna |
| | Amount: | \$1,974.40 |

| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | Component Description: | New Primary Antenna - UHF |
|---|-----------------------------------|--|
| | Amount: | High Power Top Mount \$59,872.65 |
| | Component Description: Amount: | Credit Memo (\$76,242.29) |
| | Component Description: Amount: | Primary Antenna \$49,884.37 |
| | Component Description: Amount: | KVLY-210-New Primary Antenna- \$7,862.50 |
| | Component Description: | UHF - HIGH POWER TOP MOUNT |
| | Amount: | \$39,907.50 |
| | Component Description: | New Primary Antenna |
| | Amount: | \$49,884.36 |

| Sweep test of existing | | |
|------------------------|-------------------------------|-----------------------|
| antenna | Component Description: | KVLY-210-Sweep |
| | | Test New Primary |
| | | Antenna |
| | Amount: | \$1,280.00 |
| | Component Description: | Sweep Test New |
| | | Primary Antenna |
| | Amount: | \$1,920.00 |
| | Component Description: | Sweep Test New |
| | Amount: | Antenna \$1,600.00 |
| | Component Description: | Sweep Test New |
| | | Primary |
| | | Transmission Line |
| | Amount: | \$1,600.00 |

Transmission Line

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Interim Transmission Line | \$93,220.00 | \$79,459.42 | | \$67,829.46 | |
| Flexible Air Transmission Line - dielectric, 3" | \$93,220.00 | \$79,459.42 | N/A | \$67,829.46 | N/A |
| Primary Transmission Line | \$403,748.00 | \$338,304.03 | | \$254,443.31 | |
| Sweep Existing Transmission Line | \$5,000.00 | \$5,000.00 | See invoice | \$4,875.00 | N/A |
| Rigid Transmission Line - copper, 6 1/8" | \$398,748.00 | \$333,304.03 | N/A | \$249,568.31 | N/A |
| Sub-total | \$496,968.00 | \$417,763.45 | N/A | \$322,272.77 | N/A |
| Total for all systems | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

| Actual Information | |
|--------------------|-----------|
| Description | File Name |

| Flexible Air Transmission Line - dielectric, 3" | Component Description: | KVLY-380-New Interim |
|--|------------------------|------------------------------------|
| | Amount: | Transmission Line \$15,777.89 |
| | Component Description: | KVLY-380-New Interim |
| | Amount: | Transmission Line \$18,032.64 |
| | Component Description: | Interim Transmission Line |
| | Amount: | \$18,241.04 |
| | Component Description: | Interim Transmission Line |
| | Amount: | \$15,777.89 |
| Sweep Existing Transmission Line | | |
| | Component Description: | KVLY antenna /transmission line |
| | | system sweep, report and |
| | | expenses |
| | Amount: | \$4,875.00 |

| copper, 6 1/8" | Component Description: | New Primary Transmission Line |
|----------------|------------------------|---|
| | Amount: | \$74,394.38 |
| | Component Description: | KVLY-310-New Primary |
| | Amount: | Transmission Line \$59,515.50 |
| | Component Description: | New Primary |
| | Amount: | Transmission Line \$89,273.30 |
| | Component Description: | Dual Universal Switch Controller |
| | Amount: | 3U \$5,108.00 |
| | Component Description: | Dual Universal Switch Controller 3U |
| | Amount: | \$6,398.30 |
| | Component Description: | UHF-HIGH POWER TOP MOUNT (200- |
| | Amount: | 1000kw) \$15,861.84 |
| | Component Description: | New Primary Transmission Line |
| | Amount: | \$74,394.33 |

Tower Equipment and Rigging Costs

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justificatior |
|--|--------------------------------|-------------------|--|----------------|------------------------------|
| Primary Tower TOWER | \$864,512.20 | \$1,368,277.20 | | \$726,615.00 | |
| Major tower reinforcement /modifications | \$421,000.00 | \$701,625.00 | see Estimated Cost Justification KVLY-410- Major reinforcements existing tower v0 | \$551,455.00 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$6,240.00 | see Justifying Quote KVLY Tower Consultants Inc Proposal TCI-17-210 | \$6,240.00 | N/A |
| Tower Painting | \$220,412.20 | \$220,412.20 | Costs estimates for repainting the tower and re- positioning lighting has been updated since the original contractor is no longer available to do the job. | \$51,721.00 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$440,000.00 | See Quote TCI-17-043 | \$117,199.00 | N/A |
| Sub-total | \$864,512.20 | \$1,368,277.20 | N/A | \$726,615.00 | N/A |
| Total for all systems | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

| Actual Information Description | File Name | |
|---|-----------------------------------|--|
| Major tower reinforcement /modifications | Component Description: Amount: | CO # 3 Remobilization (Nov 6, 2018) \$32,000.00 |
| | Component Description: Amount: | Additional Mobilization \$32,000.00 |
| | Component Description: | "Completion: 1 Section 1 and 2 Repack Modification |
| | Amount: | Services" \$50,524.00 |
| | Component Description: | Mobilization - Section 1 and 2 Repack Modification |
| | Amount: | Services \$39,040.00 |
| | Component Description: | Repack Modification Services |
| | Amount: | \$126,310.00 |
| | Component Description: | Antenna and TX LIne Services - Sections 3,4 & 6 - tower modifications |
| | Amount: | \$150,170.00 |

| | Component Description: Amount: | CO #2 - Insurance Addition \$45,625.00 |
|--|-----------------------------------|---|
| | Component Description: | Mobilization - Section 1 and 2 Repack Modification Services |
| | Amount: | \$75,786.00 |
| | Component Description: | Repack modification services - Section 1 & 2. |
| | Amount: | \$126,310.00 |
| Structural engineering tower load study for well | | |
| documented tower | Component Description: Amount: | Additional Services \$6,240.00 |
| | Component Description: | Perform Tower |
| | | Analysis |

| Tower Painting | | |
|----------------|------------------------|--|
| | Component Description: | Down payment, Materials-New LED A-6 Tower Lighting System and labor |
| | Amount: | \$51,721.00 |
| | Component Description: | Please deny this entry |
| | Amount: | N/A |
| | Component Description: | KVLY-TV invoice for repack 2019 |
| | Amount: | \$12,190.00 |
| | Component Description: | Payment for Materials / Labor |
| | Amount: | \$12,190.00 |

Tall Tower (greater than 500')

| Component Description: Amount: | KVLY-410-Tower Rigging existing tower \$93,131.5 \$41,410.50 |
|-----------------------------------|--|
| Component Description: | Repack Modification Services - Section 3 - Mobilization |
| Amount: | \$60,068.00 |
| Component Description: Amount: | Additional Services \$18,750.00 |
| Component Description: | Credit Memo for Painting existing tower and Tower rigging existing tower |
| Amount: | (\$93,131.50) |
| Component Description: | install Dielectric Side Mount Antenna |
| Amount: | \$90,102.00 |
| Component Description: | KVLY-410-Tower Rigging existing tower |
| Amount: | \$10,810.00 |
| Component Description: | KVLY-410-Tower Rigging existing tower |
| Amount: | \$10,810.00 |

Outside Professional Services

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justificatior |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Outside Professional Services | \$181,330.00 | \$239,115.00 | | \$138,011.40 | |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | \$2,012.50 | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$518.00 | N/A |

| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | N/A | N/A |
|---|--------------|--------------|--|--------------|-----|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$142,200.00 | \$200,865.00 | Please see Estimated Cost Justification KVLY-510- Project Management V0 | \$125,757.90 | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | \$973.00 | N/A |

| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$8,500.00 | Additional engineering work required to conduct channel study to identify alternate channel in lieu of repack Ch. 18. | \$8,500.00 | N/A |
|--|----------------|----------------|---|----------------|-----|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$250.00 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| Sub-total | \$181,330.00 | \$239,115.00 | N/A | \$138,011.40 | N/A |
| Total for all systems | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

| Actual Information Description | File Name | |
|--|-----------------------------------|------------------------------|
| ASR modification (prepare FCC Form 854) | Information not provided. | |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Component Description: Amount: | Legal services \$2,012.50 |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. | |

| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. | |
|---|-----------------------------------|-------------------------------------|
| and File FCC Form 2100 (main), Construction Permit | | |
| r (* · · · · · · · · · · · · · · · · · · | Component Description: Amount: | Legal services \$518.00 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. | |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Prepare and or review reimbursement form | Information not provided. | |
| Project management of the transition | Component Description: Amount: | Project Management \$802.25 |
| | Component Description: Amount: | Project management \$2,444.35 |
| | Component Description: Amount: | Project Management \$2,567.30 |
| | Component Description: | Project Management |

| Component Description: Amount: | Project Management \$2,863.15 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Management \$1,796.50 |
| Component Description: Amount: | Project Management \$7,307.00 |
| Component Description: Amount: | Project Management \$8,554.80 |
| Component Description: Amount: | Project Management \$5,984.50 |
| Component Description: Amount: | Project Management \$4,483.15 |
| Component Description: Amount: | Project Management \$4,089.80 |
| Component Description: Amount: | Project management \$2,434.40 |
| Component Description: Amount: | Project Management \$3,065.40 |

| Component Description: Amount: | Project Management \$3,935.60 |
|-----------------------------------|---|
| Component Description: Amount: | Project Management \$2,606.30 |
| Component Description: Amount: | Project Management \$5,252.50 |
| Component Description: Amount: | Project Management \$2,480.15 |
| Component Description: Amount: | Transition Related Project Management Costs \$3,300.00 |
| Component Description: Amount: | Project Management \$3,660.85 |
| Component Description: Amount: | KVLY-510-Project Management \$2,700.00 |
| Component Description: Amount: | Project Management \$1,328.55 |
| Component Description: Amount: | Cost Reconciliation \$2,034.20 |

| Component Description: Amount: | Project Management \$3,079.40 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Mgt \$28.20 |
| Component Description: Amount: | Project Management \$4,543.80 |
| Component Description: Amount: | Project Management \$2,268.75 |
| Component Description: Amount: | Project Management \$3,465.60 |
| Component Description: Amount: | Project Management \$2,673.10 |
| Component Description: Amount: | Project Management \$8,864.65 |
| Component Description: Amount: | Project Management \$755.80 |
| Component Description: Amount: | Project Management \$3,705.15 |

| | Component Description: Amount: | Project Management \$2,933.65 |
|--|-----------------------------------|--|
| | Component Description: Amount: | Project Management \$2,007.60 |
| | Component Description: Amount: | Cost Reconciliation \$7,045.20 |
| | Component Description: Amount: | Project Management \$1,936.95 |
| | Component Description: Amount: | Project Management \$2,301.45 |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Component Description: Amount: | Legal services \$123.00 |
| | Component Description: | Regarding installation of repack CH-36 main antenna |
| | Amount: Component Description: | \$300.00 KVLY-590-FAA |
| | Amount: | Consultant \$550.00 |

| or new channel assignment and antenna development | Component Description: | review tech specs of antenna for use |
|--|------------------------|---|
| | Amount: | as intereim \$312.50 |
| | Component Description: | Perform engineering study for new channel assignment |
| | Amount: | \$625.00 |
| | Component Description: | Conduct channel study to identify alternate channels in lieu of repack Ch-18. |
| | Amount: | \$3,137.50 |
| | Component Description: | Perform engineering study for new channel |
| | Amount: | assignment \$700.00 |
| | Component Description: | Perform engineering study for new channel |
| | Amount: | assignment \$3,050.00 |
| | Component Description: | Engineering Study for New Channel Assignment |
| | Amount: | \$675.00 |

| Prepare engineering | | |
|---|---------------------------|---|
| section of FCC Form 2100 (main), License to Cover Application | Component Description: | Regarding buildout of repack Ch-36 main facility, develop final operating constants, preparation of engineering portions of FCC application for license to cover. \$250.00 |
| Prepare request for Special | Information not provided. | |
| Temporary Authorization | mormation not provided. | |

Other Expenses

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|---|-------------|------------------------------|
| Other Expenses | \$81,054.94 | \$71,737.44 | | \$60,264.78 | |
| Other Expenses Not Listed - Site Remediation | \$3,221.00 | \$3,221.00 | see Estimated Cost Justification KVLY-610- Other Expenses- Other Expenses Not Listed- Site Remediation v0 | \$3,221.00 | N/A |
| Security | \$15,409.94 | \$15,409.94 | see Estimated Cost Justification KVLY-610- Site Security v.1 | \$15,409.94 | N/A |
| MVPD Notification of Channel Change | \$1,000.00 | \$1,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$7,500.00 | \$7,500.00 | N/A | N/A | N/A |

| Equipment Storage | \$13,140.00 | \$13,140.00 | per Estimated Cost Justification KVLY-610- Equipment Storage v0 | \$13,140.00 | N/A |
|---|----------------|----------------|---|----------------|-----|
| Equipment Delivery and Handling Charges | \$10,704.00 | \$10,704.00 | N/A | \$10,493.84 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$18,000.00 | \$18,000.00 | See attached Midwest Steeplejacks "KVLY Blanchard Disposal Quote" dated 8-17- 17. Updated quote from a year ago includes winter rate. at \$18,000 | \$18,000.00 | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$2,247.50 | N/A | N/A | N/A |
| Sub-total | \$81,054.94 | \$71,737.44 | N/A | \$60,264.78 | N/A |
| Total for all | \$4,785,047.87 | \$4,455,865.44 | N/A | \$2,214,975.56 | N/A |

| Actual Information Description | File Name | |
|-----------------------------------|------------------------|-------------------|
| Other Expenses Not Listed - | Component Description: | Labor to fix lawn |
| Site Remediation | Amount: | \$3,221.00 |

Security

| Security | Component Description: Amount: | Security for KVLY Transmitter site \$854.10 |
|--|-----------------------------------|---|
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,277.60 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,277.60 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,529.44 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,277.60 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,233.80 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$2,040.00 |
| | Component Description: Amount: | Security for KVLY Transmitter site \$919.80 |
| MVPD Notification of Channel Change | Information not provided. | |

| Develop and air announcement of upcoming channel change | Information not provided. | |
|---|-------------------------------|------------------------|
| Equipment Storage | | |
| | Component Description: | STORAGE - 2 48' |
| | Amount: | VANS \$13,140.00 |
| | Amount. | φ13, 140.00 |
| Equipment Delivery and | | |
| Handling Charges | Component Description: | Material Handling |
| | | on 07/10/18 |
| | | Uploaded and |
| | | moved transformers. |
| | | Moved heat |
| | | exchangers from |
| | | building to pad. |
| | Amount: | \$420.00 |
| | Component Description: | Unloading of 3" |
| | component Description. | transmission line |
| | | reel and forklift |
| | Amount: | \$1,624.05 |
| | Component Description: | Site Work on 8/28 |
| | | /2018 |
| | Amount: | \$900.00 |
| | Component Description: | Site work |
| | Amount: | \$2,734.06 |
| | | |
| | Component Description: | Equipment Delivery |
| | Amount: | \$4,815.73 |
| Disposal Costs (for | | |
| equipment and other waste, | Component Description: | Labor to remove |
| net of any salvage value) | | from the site after |
| | | coming off of tower |
| | Amount: | \$18,000.00 |

| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
|---|---------------------------|
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| DTV Medical Facility Notification | Information not provided. |

| Cost Information | Grand Total | | | |
|---------------------|-----------------------|--------------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$4,785,047.87 | \$4,455,865.44 | \$2,214,975.56 |

| Reimbursem | entestiatus | Response |
|------------|--|----------|
| | The facility has ceased operating on its pre- auction channel. | No |
| | Construction of final facilities or all necessary modifications are complete. | No |
| | All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator. | No |

| Certification | Section | Question | Response |
|---------------|--|---|----------|
| | Submission of Estimated Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | | The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. | |
| | | 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |
| | | 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |
| | | | |

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

| 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested. | |
|---|--|
| I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above. | Robert Folliard , III Assistant Secretary 03/16/2020 |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733). | |
| | | The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. | |
| | | 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. | |
| | | 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |
| | | | |

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

| 8. | The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. | |
|--|---|--|
| 9. | The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested. | |
| I declare, under penalty of perjury, that I an an authorized representative of the above- named applicant for the Authorization(s) specified above. | | Robert Folliard , III Assistant Secretary 03/16/2020 |

Attachments

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